



IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

International Application No. : PCT/GB00/01015
 International Filing Date : 17 MARCH 2000
 U.S. Serial No. : 09/937,100
 Deposit Date U.S. Nat'l Phase : 20 SEPTEMBER 2001
 Priority Date(s) Claimed : 23 MARCH 1999
 Applicant(s) : CARR, Francis, J.

Title: PROTEIN ISOLATION AND ANALYSIS

**RESPONSE TO NOTIFICATION OF DEFECTIVE RESPONSE
 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

Commissioner for Patents
 Box PCT
 Washington, D.C. 20231
 Sir:

In response to the Notification of Defective Response mailed 22 MARCH 2002 attached is a paper and disk version of the Sequence Listing, a statement affirming that the paper and disk versions are identical, as well as a copy of the Notification.

The Patent and Trademark Office is authorized to deduct any additional fees from, or credit any overpayments to, counsel's deposit account No. 13-3402, a copy of this paper being attached.

Respectfully submitted,

Anthony J. Zelano #32,004

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 Attorney for Applicants
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 Arlington Courthouse Plaza I
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 Direct Dial: 703-812-5311
 Facsimile: 703-243-6410
 Internet Address:zelano@mwzb.com

Filed: 22 APRIL 2002



UNITED STATES PATENT AND TRADEMARK OFFICE

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MAR 29 2002
Commissioner for Patents, Box 601 United States Patent and Trademark Office Washington, D.C. 20231 Millen, White, Zelano & Branigan P.C.

U.S. APPLICATION NUMBER NO. 09/937,100	FIRST NAMED APPLICANT Francis J Carr	ATTY. DOCKET NO. MERCK 2309
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23599
MILLEN, WHITE, ZELANO & BRANIGAN, P.C.
2200 CLARENDON BLVD.
SUITE 1400
ARLINGTON, VA 22201

INTERNATIONAL APPLICATION NO. PCT/GB00/01015	
I.A. FILING DATE 03/17/2000	PRIORITY DATE 03/23/1999

CONFIRMATION NO. 4360
371 FORMALITIES LETTER



OC000000007684337

Date Mailed: 03/22/2002

NOTIFICATION OF DEFECTIVE RESPONSE

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fee
- Priority Document
- Biochemical Sequence Diskette
- Biochemical Sequence Listing
- Copy of IPE Report
- Copy of references cited in ISR
- Copy of the International Application
- Copy of the International Search Report
- Oath or Declaration
- Preliminary Amendments
- Substitute Specification

*DEFECTIVE RESPONSE DUE
(SEQ. LISTING) XHD
4/22/02
w/callup 4/15/02*

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).

The following items **MUST** be furnished within the period set forth below:

- The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821-1.825 for the following reason(s):
 - A copy of the "Sequence Listing" in computer readable form has been submitted. The content of the computer readable form, however, does not comply with the requirements of 37 CFR 1.822 and/or 1.832, as indicated on the attached marked-up copy of the "Raw Sequence Listing."

*DATA
4/15/02
S*

- The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 CFR 1.825(d).
 - APPLICANT MUST PROVIDE:
 - An initial or substitute computer readable form (CRF) of the "Sequence Listing."
 - An initial or substitute paper copy or compact disc of the "Sequence Listing," as well as an amendment directing its entry into the specification.
- For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:
- For Rules Interpretation, call (703) 308-4216
 - To Purchase PatentIn Software, call (703) 306-2600
 - For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov
- A copy of the "Sequence Listing" in computer readable form has been submitted. The content of the computer readable form, however, does not comply with the requirements of 37 CFR 1.822 and/or 1.832, as indicated on the attached marked-up copy of the "Raw Sequence Listing."
 - The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 CFR 1.825(d).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

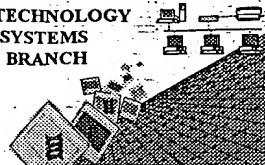
VONDA M WALLACE

Telephone: (703) 305-3736

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
09/937,100	PCT/GB00/01015	MERCK 2309

BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/937,100
Source: Per/09
Date Processed by STIC: 2/8/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER** **VERSION 3.1 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/efb/efs/downloads/documents.htm>>) : **EFS Submission**

User Manual - ePAVE)

2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202 CDS

3. Hand Carry directly to:

U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name

Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202

Or

U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, (1) (1)

2011 South Clark Place, Arlington, VA 22202

4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office:

Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002



PCT09

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/937,100

DATE: 02/08/2002
TIME: 11:34:17

Input Set : A:\pto.vsk.txt
Output Set: N:\CRF3\02082002\I937100.raw

PPS, 3-4

Does Not Comply
Corrected Diskette Needed

3 <110> APPLICANT: Biovation Limited
5 <120> TITLE OF INVENTION: Protein Isolation and Analysis
7 <130> FILE REFERENCE: 0099176-Bzgs
9 <140> CURRENT APPLICATION NUMBER: US/09/937,100
10 <141> CURRENT FILING DATE: 2001-01-07
12 <150> PRIOR APPLICATION NUMBER: 9906551.8 GB
13 <151> PRIOR FILING DATE: 1999-03-23
15 <150> PRIOR APPLICATION NUMBER: 9907057.5 GB
16 <151> PRIOR FILING DATE: 1999-03-29
18 <150> PRIOR APPLICATION NUMBER: 9907641.6 GB
19 <151> PRIOR FILING DATE: 1999-04-06
21 <150> PRIOR APPLICATION NUMBER: 9914874.4 GB
22 <151> PRIOR FILING DATE: 1999-06-28
24 <150> PRIOR APPLICATION NUMBER: 9915363.7 GB
25 <151> PRIOR FILING DATE: 1999-07-02
27 <150> PRIOR APPLICATION NUMBER: 9915677.0 GB
28 <151> PRIOR FILING DATE: 1999-07-06
30 <150> PRIOR APPLICATION NUMBER: 9916511.0 GB
31 <151> PRIOR FILING DATE: 1999-07-14
33 <150> PRIOR APPLICATION NUMBER: 9920503.1 GB
34 <151> PRIOR FILING DATE: 1999-08-31
36 <150> PRIOR APPLICATION NUMBER: 9922285.3 GB
37 <151> PRIOR FILING DATE: 1999-09-21
39 <160> NUMBER OF SEQ ID NOS: 69
41 <170> SOFTWARE: PatentIn version 3.1
43 <210> SEQ ID NO: 1
44 <211> LENGTH: 24
45 <212> TYPE: DNA
46 <213> ORGANISM: Artificial Sequence
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49 <223> OTHER INFORMATION: Oligonucleotide for an 8 amino acid barcode
51 <220> FEATURE:
52 <221> NAME/KEY: CDS
53 <222> LOCATION: (1)..(24)
54 <223> OTHER INFORMATION:
57 <220> FEATURE:
58 <221> NAME/KEY: misc_feature
59 <222> LOCATION: (1)..(1)
60 <223> OTHER INFORMATION: n=a,t,g,c
63 <220> FEATURE:
64 <221> NAME/KEY: misc_feature
65 <222> LOCATION: (4)..(4)
66 <223> OTHER INFORMATION: n=a,t,g,c

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134 <222> LOCATION: (1)..(1)
127 <220> FEATURE:
138 <221> NAME/KEY: Misc_feat
139 <222> LOCATION: (2)..(2)
140 <223> OTHER INFORMATION:
142 <220> FEATURE:
143 <221> NAME/KEY: misc_feat
144 <222> LOCATION: (3)..(3)
135 <223> OTHER INFORMATION:
147 <220> FEATURE:

DATE: 02/08/2002
TIME: 11:34:17

Input Set : A:\pto.vsk.txt
Output Set: N:\CRF3\02082002\I937100.raw

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69 <220> FEATURE:
70 <221> NAME/KEY: misc_feature
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72 <223> OTHER INFORMATION: n=a,t,g,c
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76 <221> NAME/KEY: misc_feature
77 <222> LOCATION: (10)..(10)
78 <223> OTHER INFORMATION: n=a,t,g,c
81 <220> FEATURE:
82 <221> NAME/KEY: misc_feature
83 <222> LOCATION: (14)..(14)
84 <223> OTHER INFORMATION: k=g,t
87 <220> FEATURE:
88 <221> NAME/KEY: misc_feature
89 <222> LOCATION: (16)..(16)
90 <223> OTHER INFORMATION: v=a,g,c
93 <220> FEATURE:
94 <221> NAME/KEY: misc_feature
95 <222> LOCATION: (20)..(20)
96 <223> OTHER INFORMATION: n=a,g,t,c
99 <220> FEATURE:
100 <221> NAME/KEY: misc_feature
101 <222> LOCATION: (21)..(21)
102 <223> OTHER INFORMATION: v=a,g,c
105 <220> FEATURE:
106 <221> NAME/KEY: misc_feature
107 <222> LOCATION: (23)..(23)
108 <223> OTHER INFORMATION: n=a,t,g,c
111 <400> SEQUENCE: 1
112 nac ncc ngg ntg tkc vag gnv cnt
113 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
114 1 5
117 <210> SEQ ID NO: 2
118 <211> LENGTH: 8
119 <212> TYPE: PRT
120 <213> ORGANISM: Artificial Sequence
122 <220> FEATURE:
123 <221> NAME/KEY: misc_feature
124 <222> LOCATION: (1)..(1)
125 <223> OTHER INFORMATION: The 'Xaa' at location 1 stands
127 <220> FEATURE:
128 <221> NAME/KEY: misc_feature
129 <222> LOCATION: (2)..(2)
130 <223> OTHER INFORMATION: The 'Xaa' at location 2 stands
132 <220> FEATURE:
133 <221> NAME/KEY: misc_feature
134 <222> LOCATION: (3)..(3)
135 <223> OTHER INFORMATION: The 'Xaa' at location 3 stands
137 <220> FEATURE:

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[illegible]

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/937,100

DATE: 02/08/2002
TIME: 11:34:17

Input Set : A:\pto.vsk.txt
Output Set: N:\CRF3\02082002\I937100.raw

138 <221> NAME/KEY: misc_feature
139 <222> LOCATION: (4)..(4)
140 <223> OTHER INFORMATION: The 'Xaa' at location 4 stands for Met, Val, or Leu.
142 <220> FEATURE:
143 <221> NAME/KEY: misc_feature
144 <222> LOCATION: (5)..(5)
145 <223> OTHER INFORMATION: The 'Xaa' at location 5 stands for Cys, or Phe.
147 <220> FEATURE:
148 <221> NAME/KEY: misc_feature
149 <222> LOCATION: (6)..(6)
150 <223> OTHER INFORMATION: The 'Xaa' at location 6 stands for Lys, Glu, or Gln.
152 <220> FEATURE:
153 <221> NAME/KEY: misc_feature
154 <222> LOCATION: (7)..(7)
155 <223> OTHER INFORMATION: The 'Xaa' at location 7 stands for Glu, Asp, Gly, Ala, or Val.
157 <220> FEATURE:
158 <221> NAME/KEY: misc_feature
159 <222> LOCATION: (8)..(8)
160 <223> OTHER INFORMATION: The 'Xaa' at location 8 stands for His, Arg, Pro, or Leu.
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163 <223> OTHER INFORMATION: Oligonucleotide for an 8 amino acid barcode peptide
165 <220> FEATURE:
166 <221> NAME/KEY: misc_feature
167 <222> LOCATION: (1)..(1)
168 <223> OTHER INFORMATION: n=a,t,g,c
170 <220> FEATURE:
171 <221> NAME/KEY: misc_feature
172 <222> LOCATION: (4)..(4)
173 <223> OTHER INFORMATION: n=a,t,g,c
175 <220> FEATURE:
176 <221> NAME/KEY: misc_feature
177 <222> LOCATION: (7)..(7)
178 <223> OTHER INFORMATION: n=a,t,g,c
180 <220> FEATURE:
181 <221> NAME/KEY: misc_feature
182 <222> LOCATION: (10)..(10)
183 <223> OTHER INFORMATION: n=a,t,g,c
185 <220> FEATURE:
186 <221> NAME/KEY: misc_feature
187 <222> LOCATION: (14)..(14)
188 <223> OTHER INFORMATION: k=g,t
190 <220> FEATURE:
191 <221> NAME/KEY: misc_feature
192 <222> LOCATION: (16)..(16)
193 <223> OTHER INFORMATION: v=a,g,c
195 <220> FEATURE:
196 <221> NAME/KEY: misc_feature
197 <222> LOCATION: (20)..(20)
198 <223> OTHER INFORMATION: n=a,g,t,c

Delete

Seq. 2 is a peptide
sequence

This section and
that circled on p. 4
are for a
nucleotide sequence,
not a peptide
sequence

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/937,100

DATE: 02/08/2002
TIME: 11:34:17

Input Set : A:\pto.vsk.txt
Output Set: N:\CRF3\02082002\I937100.raw

200 <220> FEATURE:
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202 <222> LOCATION: (21)..(21)
203 <223> OTHER INFORMATION: v=a,g,c
205 <220> FEATURE:
206 <221> NAME/KEY: misc_feature
207 <222> LOCATION: (23)..(23)
208 <223> OTHER INFORMATION: n=a,t,g,c
210 <400> SEQUENCE: 2
212 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
213 1 5
216 <210> SEQ ID NO: 3
217 <211> LENGTH: 14
218 <212> TYPE: PRT
219 <213> ORGANISM: Artificial Sequence
221 <220> FEATURE:
222 <223> OTHER INFORMATION: Linker peptide
224 <400> SEQUENCE: 3
226 Glu Gly Lys Ser Ser Gly Ser Gly Ser Glu Ser Lys Val Asp
227 1 5 10
230 <210> SEQ ID NO: 4
231 <211> LENGTH: 8
232 <212> TYPE: PRT
233 <213> ORGANISM: Artificial Sequence
235 <220> FEATURE:
236 <223> OTHER INFORMATION: Flag Epitope
238 <400> SEQUENCE: 4
240 Met Asp Tyr Lys Asp Asp Asp Lys
241 1 5
244 <210> SEQ ID NO: 5
245 <211> LENGTH: 53
246 <212> TYPE: DNA
247 <213> ORGANISM: Artificial Sequence
249 <220> FEATURE:
250 <223> OTHER INFORMATION: Primer RD5' Flag
252 <400> SEQUENCE: 5
253 gccgatccca tatggactac aaagacgatg acgacaaaca ggtgcagctg tag
256 <210> SEQ ID NO: 6
257 <211> LENGTH: 35
258 <212> TYPE: DNA
259 <213> ORGANISM: Artificial Sequence
261 <220> FEATURE:
262 <223> OTHER INFORMATION: Primer RD3'
264 <400> SEQUENCE: 6
265 gcgaattcgt ggtggtgtgtg gtggtgtgtac tctcc
268 <210> SEQ ID NO: 7
269 <211> LENGTH: 50
270 <212> TYPE: DNA
271 <213> ORGANISM: Artificial Sequence

delete

2325 atgggaattcc toagagacc
2326 <210> SEQ ID NO: 12
2327 <211> LENGTH: 18
2328 <212> TYPE: DNA
2329 <213> ORGANISM: Artificial Sequence
2330 <220> FEATURE:
2331 <223> OTHER INFORMATION: Primer RD3'
2332 <400> SEQUENCE: 12
2333 ggaagcgttga attccgccc
2334 <210> SEQ ID NO: 13
2335 <211> LENGTH: 28
2336 <212> TYPE: DNA
2337 <213> ORGANISM: Artificial Sequence
2338 <220> FEATURE:

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/937,100

DATE: 02/08/2002

TIME: 11:34:18

Input Set : A:\pto.vsk.txt

Output Set: N:\CRF3\02082002\I937100.raw

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273 <220> FEATURE:
274 <223> OTHER INFORMATION: Fos1for
276 <400> SEQUENCE: 7
277 atggaattcc tcgagaccga caccctacag gcggaaccg accagctgga      50
280 <210> SEQ ID NO: 8
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286 <223> OTHER INFORMATION: Fos80rev
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293 <211> LENGTH: 50
294 <212> TYPE: DNA
295 <213> ORGANISM: Artificial Sequence
297 <220> FEATURE:
298 <223> OTHER INFORMATION: Fos71for
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304 <210> SEQ ID NO: 10
305 <211> LENGTH: 50
306 <212> TYPE: DNA
307 <213> ORGANISM: Artificial Sequence
309 <220> FEATURE:
310 <223> OTHER INFORMATION: Fos155rev
312 <400> SEQUENCE: 10
313 ggaagcttga attcgcggg acggtgtgcc gccaggatga actccagctt      50
316 <210> SEQ ID NO: 11
317 <211> LENGTH: 18
318 <212> TYPE: DNA
319 <213> ORGANISM: Artificial Sequence
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322 <223> OTHER INFORMATION: primer Fos1 fs
324 <400> SEQUENCE: 11
325 atggaattcc tcgagacc
328 <210> SEQ ID NO: 12
329 <211> LENGTH: 18
330 <212> TYPE: DNA
331 <213> ORGANISM: Artificial Sequence
333 <220> FEATURE:
334 <223> OTHER INFORMATION: Primer Fos155 rs
336 <400> SEQUENCE: 12
337 ggaagcttga attcgcgc      18
340 <210> SEQ ID NO: 13
341 <211> LENGTH: 28
342 <212> TYPE: DNA
343 <213> ORGANISM: Artificial Sequence
345 <220> FEATURE:

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→ Use of n and/or Xaa has been detected in the Sequence Listing.
Review the Sequence Listing to insure a corresponding
explanation is presented in the <220> to <223> fields of
each sequence using n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/937,100

DATE: 02/08/2002

TIME: 11:34:19

Input Set: A:\pto.vsk.txt

Output Set: N:\CRF3\02082002\I937100.raw

L:9 M:270 C: Current Application Number differs, Replaced Current Application Number

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:112 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:113 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:212 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:529 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:27
L:553 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:28
L:577 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29
L:601 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30
L:625 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31
L:649 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32
L:673 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:697 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:721 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:35
L:745 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:36
L:1038 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
L:1039 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
L:1042 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
L:1043 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:58
L:1112 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59
L:1116 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59
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L:1493 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65
L:1560 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66
L:1710 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67
L:1711 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67
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L:1715 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67
L:1919 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68
L:1923 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68
L:2044 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:69
L:2046 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:69